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<212> DNA

<213> *Aspergillus nidulans*

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<400> 234

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<210> 235
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 <212> DNA
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<400> 235

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<212> DNA
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<400> 239

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<210> 243
 <211> 2191
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 243

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<210> 244
 <211> 522
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 244

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<210> 245
 <211> 465
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 245

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<210> 246
 <211> 275
 <212> DNA
 <213> Aspergillus nidulans

 <400> 246

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 agcttactaa gaatcttctc tagattatat aattttattc ctataatagc aaagctgctc 180
 taaatatttt ttttattaaa aatattttta taaatatcga gataggcctc taaaaagtta 240
 aacttattaa tatagtactt actaaggat aatct 275

<210> 247
 <211> 406
 <212> DNA
 <213> Aspergillus nidulans

 <400> 247

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 gttaagggat gtatatagac agatcttcct atttaaatat gctgtatata tataaaggaa 180
 ttgctgaaga agagaaagca ggacaggaca gatcagagat tggagataga tggggagcca 240
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<210> 248
 <211> 2819
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 248

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<210> 249
<211> 212
<212> DNA
<213> *Aspergillus nidulans*

<400> 249

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tgctaaacat tactaattat tacaatatta ccattggcat tagacgttaa ttcccggtga 180
cattaagtat gttcctgaac aatatccagg cc 212

<210> 250
<211> 450
<212> DNA
<213> *Aspergillus nidulans*

<400> 250

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aaaaaattc tagtacagca agagatctag caactttata tataaaatac taaaaggaa 120
aagtagaaga tattaagata ttttatctag actagtagta gtctcacagg tagtaaagaa 180
taataaaaag cctaagaata taaagaactt acctaataga tactaaggca atataggtta 240
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tgctgtttac tcagataaga aattataata tttatattat ctaaagctat gcagttcttg 360
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tagaaatact ttactatagg ctgagttag 450

<210> 251
<211> 502
<212> DNA
<213> *Aspergillus nidulans*

<400> 251

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atataagatt gttaaattta ggcaggggta tactacttgg ttatatatac acatgagaca 180
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<210> 252
<211> 472
<212> DNA
<213> Aspergillus nidulans

<400> 252

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ggagggtatta actttttatt ctagataact atagaagcta cctaatacct aaatttgatt 240
atatatataa gaagaataat attataccta tctatatact tttatattta tcttacttct 300
tataacctct taatattagt tatttttagtc ccttaaagaa gatatactat aagcttataa 360
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tagcagcgta taagaaagtc tttataataa aaaatattta aagcagattt ag 472

<210> 253
<211> 519
<212> DNA
<213> Aspergillus nidulans

<400> 253

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 ttaacttggt ggtaaagatt ttaatttttg tttagaatag ttttagattt tactttactc 420
 ttttgctcga tacctatgcc attttcattt ttttttttat ttaaccccca ttcttgatt 480
 gctgttttct ttttttttca tttctttctg ctttttct 519

<210> 254
 <211> 481
 <212> DNA
 <213> Aspergillus nidulans

<400> 254
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 ttcacactga ttgcacgccc agcttgatca gttgtttctga aattagcgcc ctgctcaaa 180
 agttttctgtg cggtctcgag ccggccattt atggctgcta ggtagagcgg ggtctgcca 240
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 tccgctctc cgcaacgcg tggatatctt gggctcgtcta gttcttttgg cagagtagac 420
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 c 481

<210> 255
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans

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 tttctactac tacttcctat ataattagct aatattaatt acttatctta gacagctata 180

gaagctat ttt aatatcttaa ttttaataagt tttatatatt tactagttta tcttatctac 240
 tatagctact aaatatttagc tatttttaate tactaaaata tatatataaa ggtcttacta 300
 aatcaagatt atatcttagt aaatactgta ttaacgagtt caacttttta gagcctat ttt 360
 ctatat tttat taaaatat ttt ttaataaaaac ccatttcgcg cagctttgct cgtataacaa 420
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<210> 256
 <211> 886
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 256

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 ctctetaata gccttccttc ttgtaagtag ctttgaaagg ttaccaggta gctgctgtta 180
 ttaggctggt gcgatagggt tgacaccttc aagtcttctt aacctggtg actcctggta 240
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<210> 257
 <211> 560
 <212> DNA

<213> Aspergillus nidulans

<400> 257

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<210> 258

<211> 674

<212> DNA

<213> Aspergillus nidulans

<400> 258

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674

<210> 259
<211> 511
<212> DNA
<213> *Aspergillus nidulans*

<400> 259

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<210> 260
<211> 3021
<212> DNA
<213> *Aspergillus nidulans*

<400> 260

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<210> 261
 <211> 484
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 261

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 ggttgtggag taacacagca atgatgcata tacttttgca actatggata attaataatc 420
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484

<210> 262
<211> 1040
<212> DNA
<213> Aspergillus nidulans

<400> 262

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<210> 263
<211> 1846
<212> DNA
<213> Aspergillus nidulans

<400> 263

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<210> 264
 <211> 516
 <212> DNA
 <213> Aspergillus nidulans

<400> 264

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<210> 265
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 <212> DNA
 <213> Aspergillus nidulans

<400> 265

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 ctgatcgggg gttatggtgg caaacagctg gcaagacatc ggtagcggcc gttgaagatg 180
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<210> 266
<211> 502
<212> DNA
<213> Aspergillus nidulans

<400> 266

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<210> 267
<211> 700
<212> DNA
<213> Aspergillus nidulans

<400> 267

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<210> 268
<211> 488
<212> DNA
<213> Aspergillus nidulans

<400> 268

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<210> 269
<211> 4946
<212> DNA
<213> Aspergillus nidulans

<400> 269

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<210> 270
 <211> 3116
 <212> DNA

<213> Aspergillus nidulans

<400> 270

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<400> 274

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<213> Aspergillus nidulans

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<400> 275

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<212> DNA
<213> Aspergillus nidulans

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 <400> 277

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<210> 278
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<400>

278

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<400> 280

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 <213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*
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 <400> 285

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<400> 286

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<400> 289

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 <211> 778
 <212> DNA
 <213> Aspergillus nidulans
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 <211> 731
 <212> DNA
 <213> Aspergillus nidulans

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<210> 318

<211> 846
 <212> DNA
 <213> Aspergillus nidulans

<400> 318

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<210> 319
 <211> 810
 <212> DNA
 <213> Aspergillus nidulans

<400> 319

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<210> 320
<211> 2157
<212> DNA
<213> Aspergillus nidulans

<400> 320

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<212>	DNA
<213>	Aspergillus nidulans

<400> 321

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<210> 322
<211> 497
<212> DNA
<213> Aspergillus nidulans

<400> 322

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<210> 323
 <211> 592
 <212> DNA
 <213> Aspergillus nidulans

<400> 323

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<210> 324
 <211> 1920
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 325
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 325

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<400> 331

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<213> Aspergillus nidulans

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<210> 333

<211> 874

<212> DNA

<213> Aspergillus nidulans

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<211> 814

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<210> 335

<211> 957

<212> DNA

<213> Aspergillus nidulans

<400> 335

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 <400> 338

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 <213> *Aspergillus nidulans*
 <400> 339

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<210> 340
 <211> 1732
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 340

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 <211> 1974
 <212> DNA
 <213> Aspergillus nidulans

<400> 341

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<212> DNA
<213> Aspergillus nidulans

<400> 342

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<400> 359

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<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

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<400> 362

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<211> 669
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

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<400> 369

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<400> 371

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<400> 372

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<400> 377

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<400> 379

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<400> 380

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 <213> Aspergillus nidulans

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<400> 383

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<400> 384

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<212> DNA
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 <213> Aspergillus nidulans

<400> 390

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<400> 395

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<212> DNA

<213> Aspergillus nidulans

<400> 418

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<400> 419

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 <213> Aspergillus nidulans

<400> 420

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 428

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 <213> Aspergillus nidulans
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<400> 431

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<211> 871

<212> DNA

<213> Aspergillus nidulans

<400> 433

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<210> 434

<211> 1583

<212> DNA

<213> Aspergillus nidulans

<400> 434

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 436

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<210> 437
<211> 1895
<212> DNA
<213> *Aspergillus nidulans*
<400> 437

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<210> 438
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<212> DNA
<213> *Aspergillus nidulans*

<400> 438

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 <211> 637
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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<213> Aspergillus nidulans

<400> 442

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 <213> Aspergillus nidulans

<400> 443

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<212> DNA
<213> *Aspergillus nidulans*

<400> 444

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<212> DNA
<213> *Aspergillus nidulans*

<400> 445

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<400> 446

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<213> Aspergillus nidulans

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<211> 682
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 457

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<211> 865

<212> DNA

<213> Aspergillus nidulans

<400> 458

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<210> 459
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<213> Aspergillus nidulans

<400> 459

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<210> 460
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations

<400>

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 461

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 462
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 464

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<210> 465
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 <213> *Aspergillus nidulans*

<400> 465

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<210> 485
 <211> 1114
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 485

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<210> 486
<211> 1481
<212> DNA
<213> *Aspergillus nidulans*

<400> 486
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<210> 487
 <211> 1009
 <212> DNA
 <213> Aspergillus nidulans
 <400> 487

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 ctctgccgt agacagctag catggccata ccaagctccc ggagccctc gtggacgact 180
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<210> 488
 <211> 521
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 488
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 tagtgagcta tgattgtgcc actgcactct agcctgggca atagagccat accccatctc 180
 aaaaaaaaa aaaattacaa agcattttat atgacacata agctcaacaa atcagtagga 240
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 gggatttgcc taaggcaatg cagcacgaca ttttgctttt caacctcagt gtttagttat 360
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<210> 489
 <211> 810
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 489
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<210> 490
<211> 716
<212> DNA
<213> Aspergillus nidulans

<400> 490

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<210> 491
<211> 1172
<212> DNA
<213> Aspergillus nidulans

<400> 491

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<210> 492
 <211> 832
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 492

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 aagtcactac tgaacgtgcg agcttgctac catggatacg tacgagcaat gtagtccttt 780
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<210> 493
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 493
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<210> 494
 <211> 546
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 494

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 cttgaa 546

<210> 495
 <211> 893
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 495
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 caggttctgt gctgttatgg gtcctttgcc tatacaagga ccttagacct tagtgactcg 180
 gccaaaggcct gcgctgttct gaaggcgggtg agccaactgt aagacttcct tacaataata 240
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 tataaagaga cctttttata taataataga agaagaaagt attatattat tactatagca 420
 gctctaggag ctctatatag agatacagac ttagaaataa cagctctaag aagagaataa 480
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 tactactata gttatatctg taatacctac tgccataaaa taaagctacc tctgttctta 600
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gcttactaga aatctaagac tcctgtacta taagcagaat tctttataat attaaataaa 840
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<210> 496
<211> 573
<212> DNA
<213> Aspergillus nidulans

<400> 496

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<210> 497
<211> 832
<212> DNA
<213> Aspergillus nidulans

<400> 497

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 cattgcatgc ctaccagccg gcgtatacgg aacagtctct gctgcaaccg ttgtgtcgcg 660
 catgcgtcta acgtttcccc ggcttcaata tgggctgatg gttggaattg gagggggggT 720
 tccgggcaga aataatgata ttcgattagg cgatgtggTg gtcagcaagc cagttggaaa 780
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<210> 498
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 498
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 ctagtttatt tgattagaat attaaatatt agggTatagc tctagttaaa tatttttTaT 240
 cttataatta gggTatttct tacttattta tcttaaatta taatatttat tttatattag 300
 aattctggca ggatatagTt attatactta aattaaata gcagtattta actgcattct 360
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<210> 499
 <211> 5330
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 499
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attcaaaaac tatgactata tagtatcgtg aacagccctg tgggttttgt tatattatat 180
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 <212> DNA
 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
 <400> 518

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<210> 520
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<212> DNA
<213> *Aspergillus nidulans*

<400> 520

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 <212> DNA
 <213> Aspergillus nidulans

<400> 521

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<400> 522

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<210> 523
 <211> 459
 <212> DNA

<213> Aspergillus nidulans

<400> 523

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<210> 524

<211> 559

<212> DNA

<213> Aspergillus nidulans

<400> 524

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<210> 525

<211> 2263

<212> DNA

<213> Aspergillus nidulans

<400> 525

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 <213> *Aspergillus nidulans*

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 <213> Aspergillus nidulans
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<210> 528
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 <212> DNA
 <213> Aspergillus nidulans

<400> 528

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 <211> 1962
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 530

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 531

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<210> 532
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 532
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<210> 533
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 533

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<210> 534
<211> 842
<212> DNA
<213> *Aspergillus nidulans*
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 <213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<400> 543

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 <213> *Aspergillus nidulans*

<400> 546

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<400> 552

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<210> 553

<211> 590
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 <213> Aspergillus nidulans

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<400> 555

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<400> 559

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<400>

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<400> 568

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<213> Aspergillus nidulans
<223> unsure at all n locations
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<400> 577

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<213> Aspergillus nidulans

<400> 578

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 <400> 579

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<210> 580
 <211> 1924
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 580

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 <212> DNA
 <213> Aspergillus nidulans

<400> 582

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<212> DNA
<213> *Aspergillus nidulans*

<400> 583

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<210> 584
<211> 986
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 584

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<210> 585

<211> 788

<212> DNA

<213> Aspergillus nidulans

<400> 585

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<210> 586
 <211> 1946
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 586

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<210> 587
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 587

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<210> 588
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 588

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<212> DNA
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<400> 590

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<212> DNA
<213> *Aspergillus nidulans*
<400> 591

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 <400> 592

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<210> 593
<211> 538
<212> DNA
<213> Aspergillus nidulans

<400> 593

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<210> 594
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<212> DNA
<213> Aspergillus nidulans

<400> 594

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<400> 595

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 <211> 1473
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 631

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<210> 632
<211> 189
<212> DNA
<213> *Aspergillus nidulans*

<400> 632

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<210> 633
<211> 537
<212> DNA
<213> *Aspergillus nidulans*

<400> 633

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<210> 634

<211> 576

<212> DNA

<213> *Aspergillus nidulans*

<400> 634

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<210> 635

<211> 2653

<212> DNA

<213> *Aspergillus nidulans*

<400>

635

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 <211> 557
 <212> DNA
 <213> Aspergillus nidulans
 <400> 636

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 <212> DNA
 <213> Aspergillus nidulans

<400> 637

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 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

<400> 638

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 <212> DNA
 <213> Aspergillus nidulans

<400> 639

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<210> 640
 <211> 1031
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 641
 <211> 399
 <212> DNA
 <213> Aspergillus nidulans

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<210> 642
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 642

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<210> 643
 <211> 133
 <212> DNA
 <213> Aspergillus nidulans

<400> 643

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 <213> Aspergillus nidulans

<223> unsure at all n locations

<400> 644

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<400> 713

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